

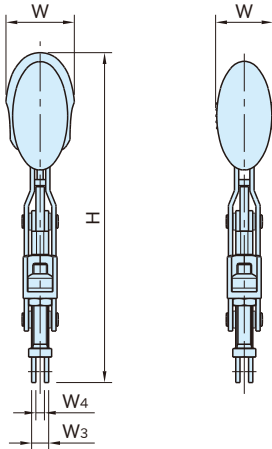
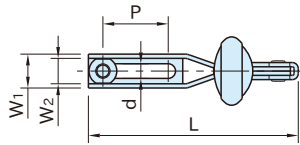
TCDVSL, TCDVS

TOGGLE CLAMPS

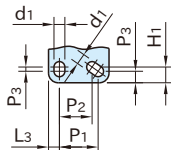
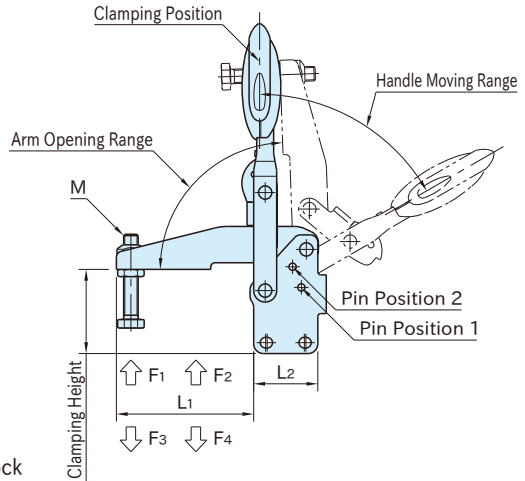


Type	Body/Arm	Handle	Knob Cover
TCDVSL	Steel(SAPH440) Nitrocarburized	Polyamide	Thermoplastic elastomer (TPE)
TCDVS	Black oxide finish		-

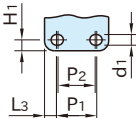
TCDVSL (With Safety-Lock Feature)
TCDVS (Without Safety-Lock Feature)



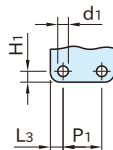
TCDVSL (With Safety-Lock Feature)
TCDVS (Without Safety-Lock Feature)



M5 Size



M6·M8Size



M12Size

Type/Size	Arm Opening Range			Handle Moving Range			Handle Force (N)	Holding Force *)			Clamping Force	
	Pin Position 1	Pin Position 2	No Pin Used	Pin Position 1	Pin Position 2	No Pin Used		F ₁ (N)	F ₂ (N)	F ₃ (N)	F ₄ (N)	
TCDVSL TCDVS	05	100°	-	129°	64°	-	77°	100	750	1,050	620	750
	06	83°	56°	141°	56°	46°	84°	160	1,350	1,650	920	1,050
	08	93°	13°	158°	61°	26°	86°	190	2,000	2,800	940	1,350
	10	97°	6°	176°	59°	19°	91°	250	2,500	4,500	1,500	2,500
	12	88°	11°	164°	60°	24°		280	3,000	5,500	1,400	

Type/Size	M	Clamping Height	d	P	L ₁	L ₂	W ₃	W ₄	d ₁	P ₁	P ₂	P ₃	L ₃	H ₁	L	W ₁	W ₂	
TCDVSL TCDVS	05M	5×0.8 -25L	30.9	5.1	15	35	25	8.1	4.1	4.5	16	14	1	4.5	5.5	63.5	13.2	9.1
	06M	6×1 -35L	37.6	6.1	19	53	29	10.2	5.2	5.5	14	12	-	7	86.5	17.5	12.4	
	08M	8×1.25-45L	49	8.2	27	62	39			6.8	21	19	-	9	6.5	107	20.6	15.5
	10M	10×1.5 -55L	62.3	10.2	48	95	50	14.1	7.1	9	32	27	3.5	8	13	153	25.5	18.4
	12M	12×1.75-70L	69.8	12.1	54	113.5	53			8.8		-	-	10.5	9	173.5	28	20.9

*) Never apply a force over this value when machining from below.

TCDVSL (With Safety-Lock Feature)

Part Number	W	H	Weight (g)
TCDVSL06160	53.4	175.7	330
TCDVSL08190	51.1	207.6	435
TCDVSL10250	56.5	254	869
TCDVSL12280		271.1	1,046

TCDVS (Without Safety-Lock Feature)

Part Number	W	H	Weight (g)
TCDVS05100	22.5	120.3	104
TCDVS06160	43.5	169	309
TCDVS08190	41.5	200.3	411
TCDVS10250	47	247.4	834
TCDVS12280		265.5	1,020

Features:

- User-friendly handle
- The safety-lock version allows the clamp to be locked at the clamping position and stay locked until manually unlocked by sliding the knob cover before opening. This prevents the clamp from being accidentally opened by bumping the handle.
- 2 options of pin position for different arm opening /handle moving ranges.

Related Product Page

Spindle nuts **TCDNUT** are available separately

Note:

The clamping spindle may have a marking on the top of the hex head. Remove it as needed.

How To Use(TCDVSL type)

